

FIG.1

HLR

TELEPHONE NUMBER	SUBSCRIBER IDENTITY INFORMATION	VLR OF VISITED AREA
0A0-C1D1E1-F1G1H1I1	IMSI1	VLR1
0A0-C2D2E2-F2G2H2I2	IMSI2	VLR1

VLR1

TELEPHONE NUMBER	SUBSCRIBER IDENTITY INFORMATION	TEMPORARY SUBSCRIBER IDENTITY INFORMATION	LOCATION AREA ID	COMMUNICATION STATE
0A0-C1D1E1-F1G1H1I1	IMSI1	TMSI1	LA11	IN COMMUNICATION
0A0-C2D2E2-F2G2H2I2	IMSI2	TMSI2	LA12	VACANT

FIG. 2

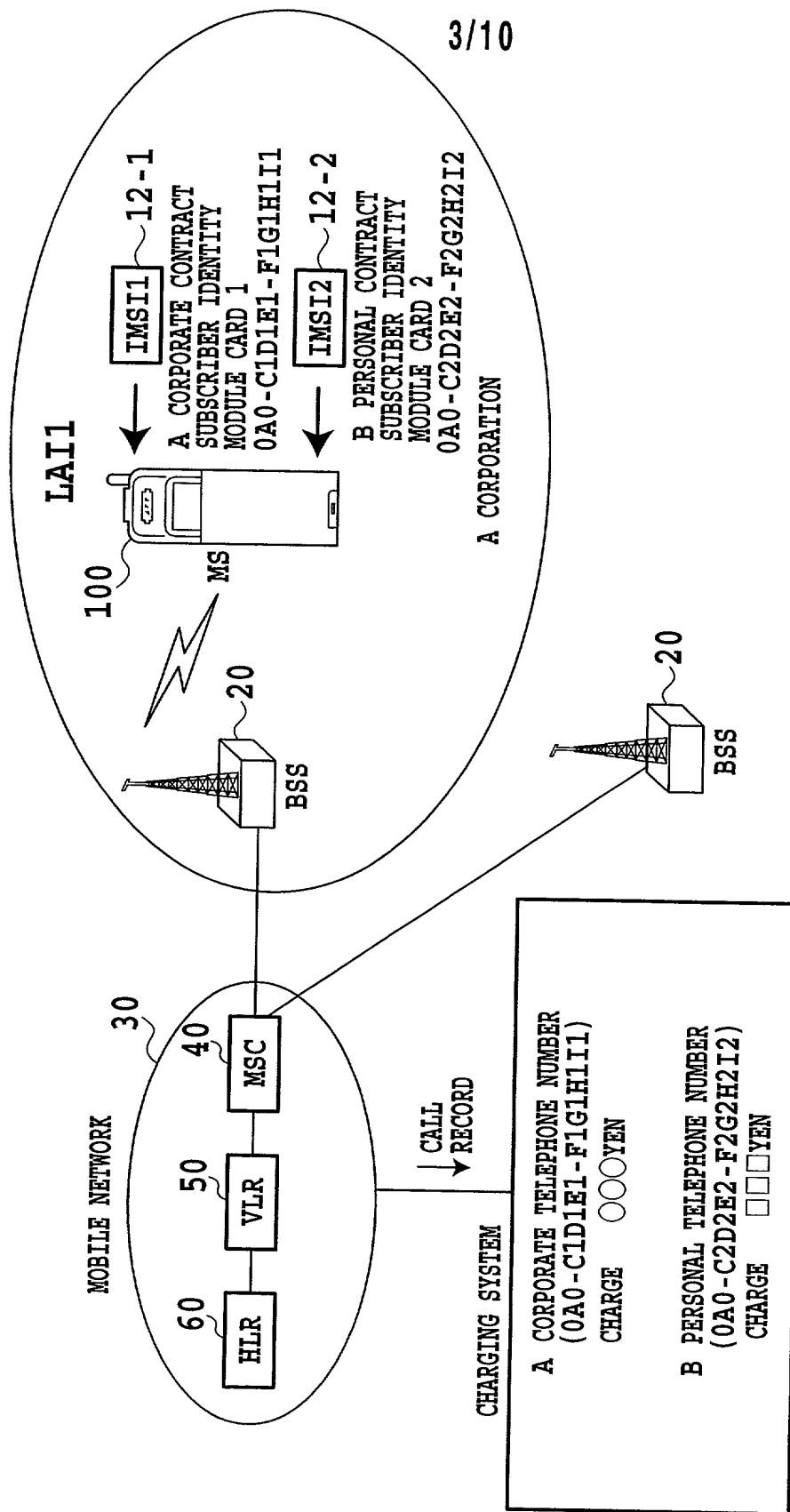


FIG.3

HLR

TELEPHONE NUMBER	SUBSCRIBER INFORMATION			VLR OF VISITED AREA
	SUBSCRIBER IDENTITY INFORMATION	IMSI SHARING INFORMATION OF VISITED AREA		
0A0-C1D1E1-F1G1H1I1	IMSI1	—		VLR1
0A0-C2D2E2-F2G2H2I2	IMSI2	IMSI1		REFER —

VLR1

TELEPHONE NUMBER	SUBSCRIBER INFORMATION				LOCATION AREA ID	COMMUNICATION STATE
	SUBSCRIBER IDENTITY INFORMATION	IMSI SHARING LOCATION AREA ID	TEMPORARY SUBSCRIBER IDENTITY INFORMATION	TMSI SHARING LOCATION AREA ID		
0A0-C1D1E1-F1G1H1I1	IMSI1	—	TMSI1	—	LA11	IN COMMUNICATION
0A0-C2D2E2-F2G2H2I2	IMSI2	IMSI1	TMSI2	TMSI1	REFER —	TALKIE CONNECTION

FIG.4

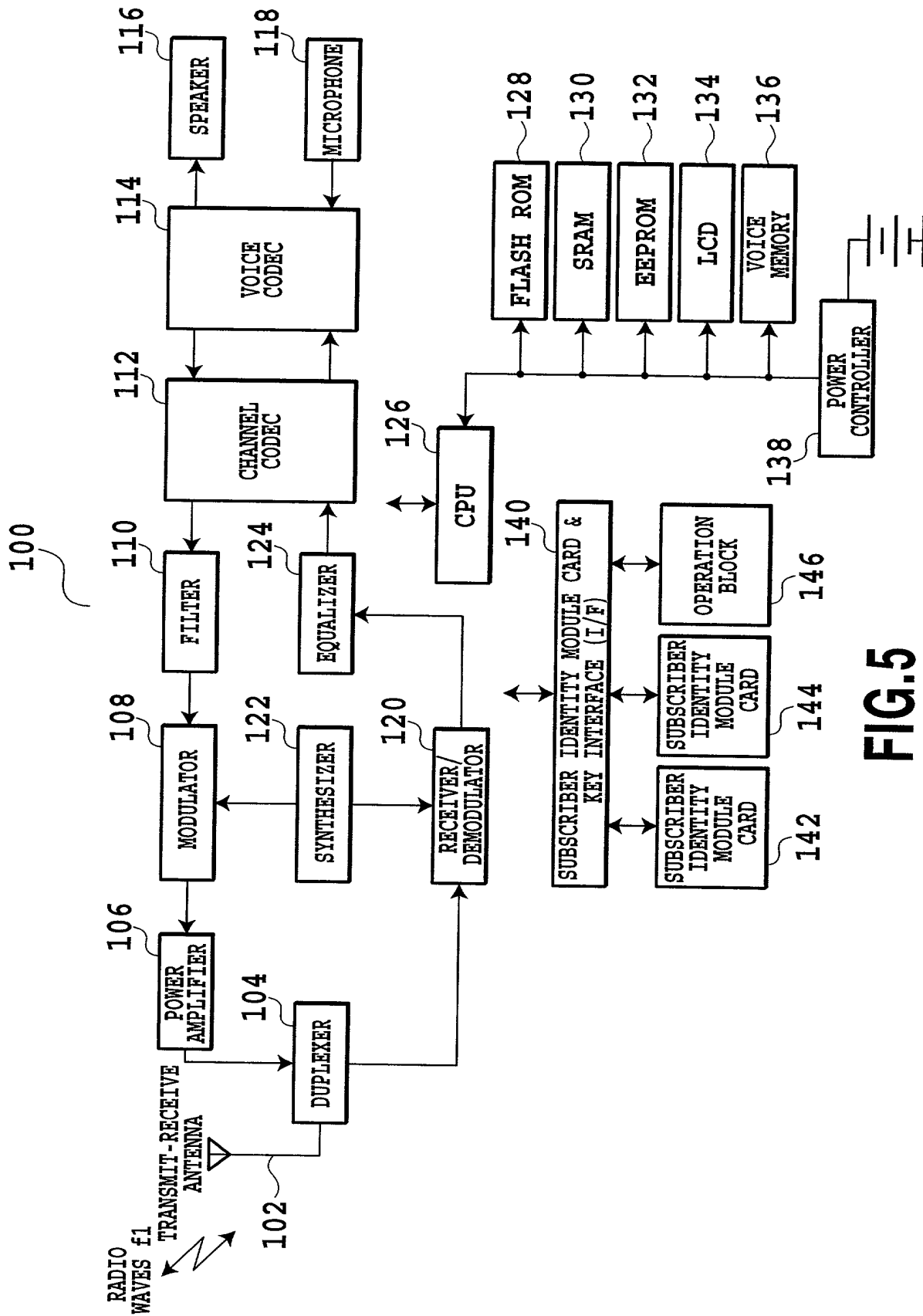


FIG.5

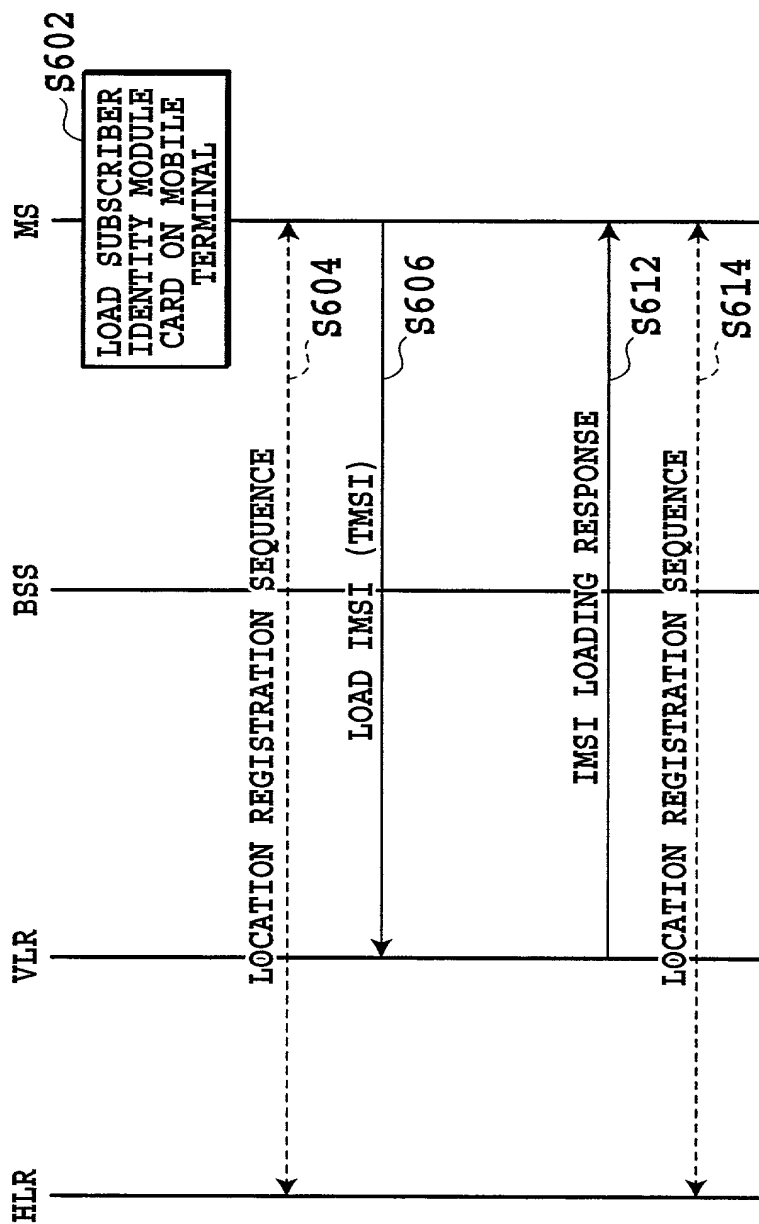


FIG.6

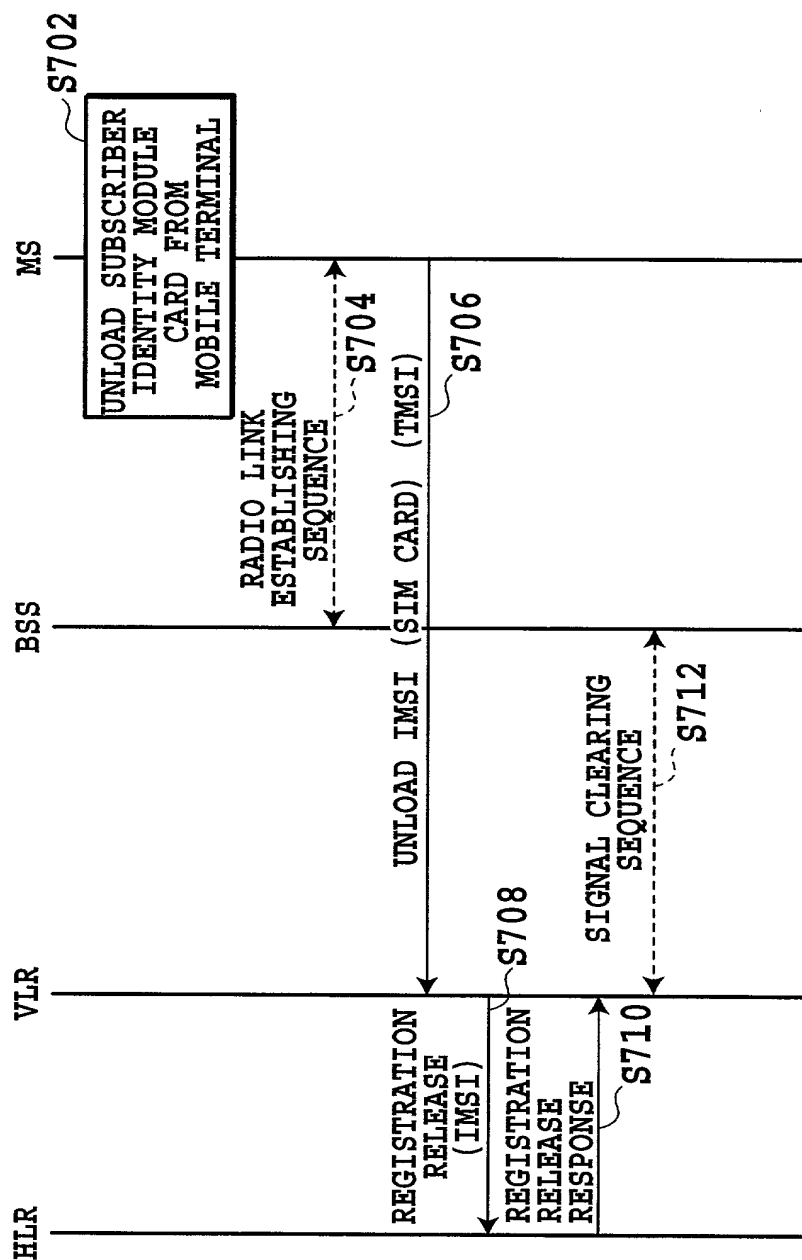


FIG.7

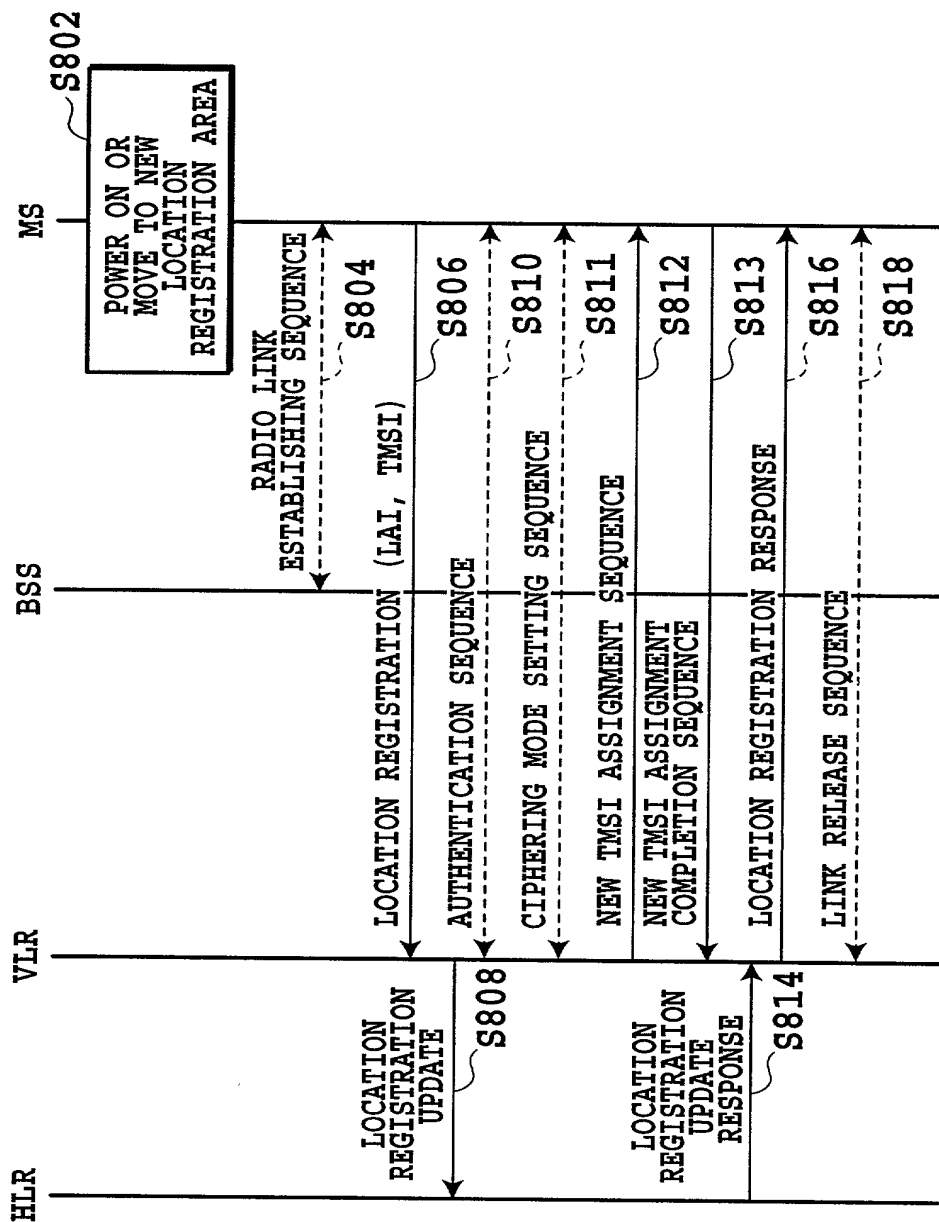


FIG.8

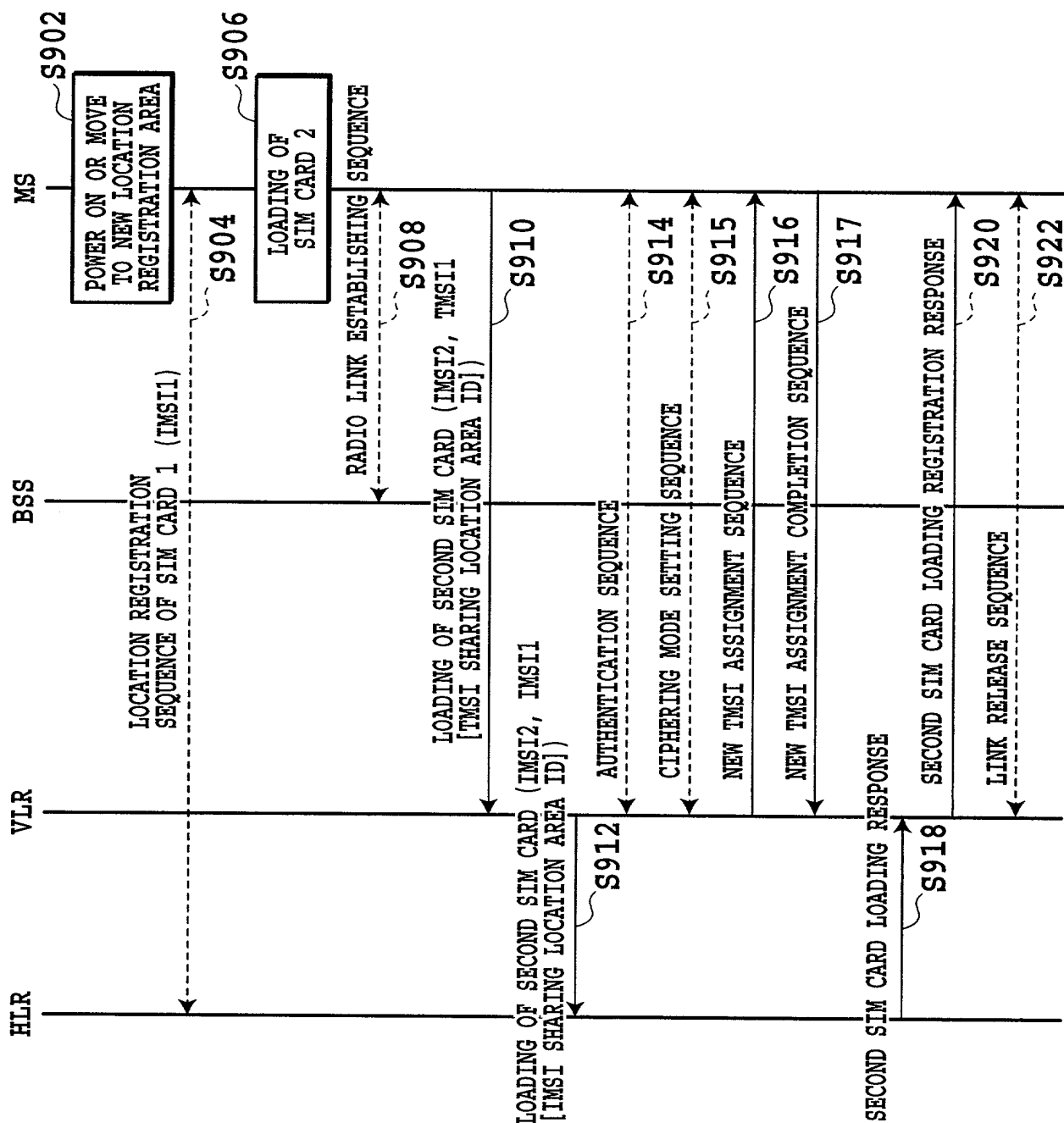


FIG.9

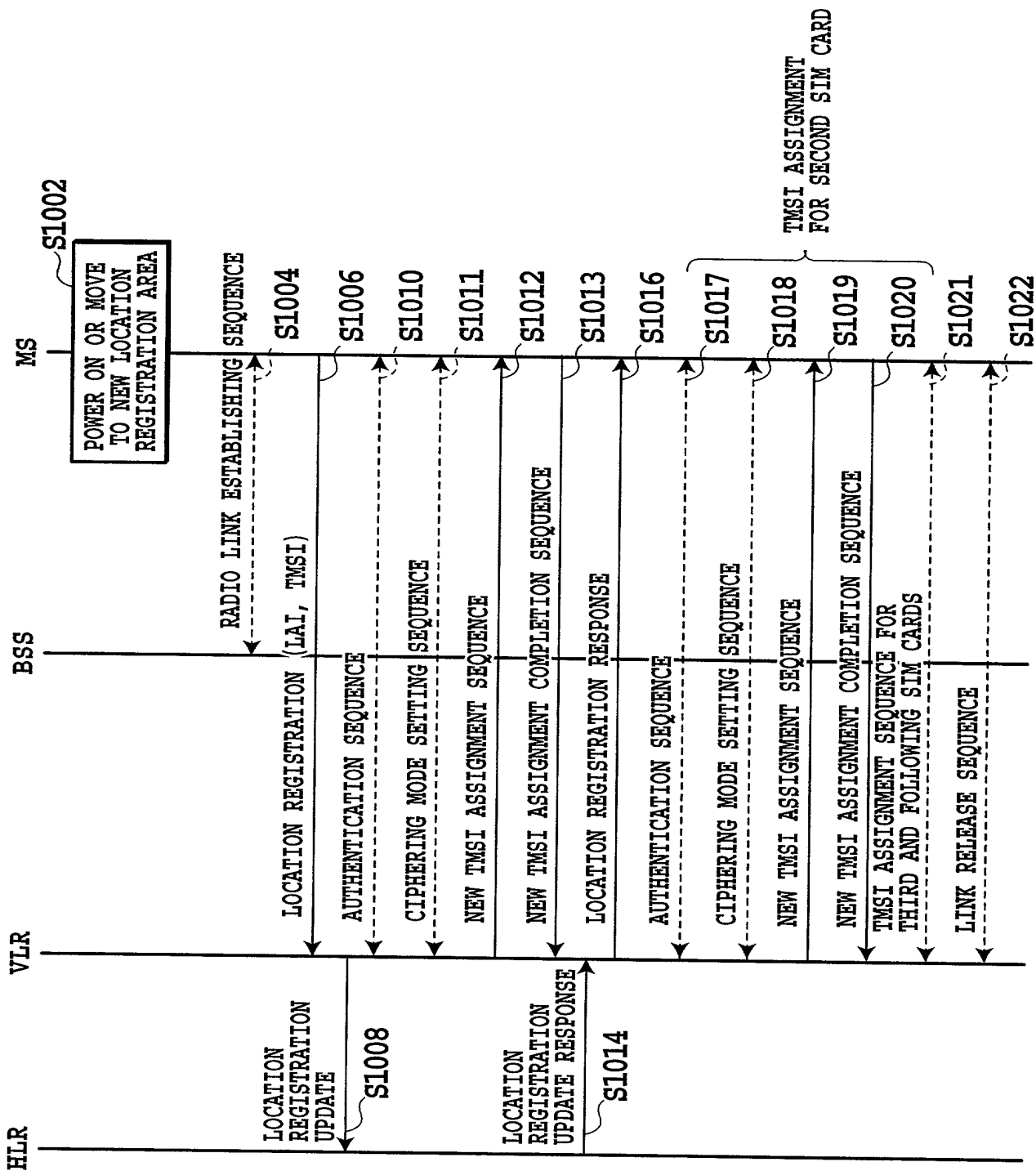


FIG.10